



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No. 7,030,161

) Serial No. 10/689,513

Inventor(s): Michael L. VAZQUEZ *et al*

) Filed: October 21, 2003

Issue Date: April 18, 2006

) Attorney Docket No. 101765.00016

For: α -AND β -AMINO ACID HYDROXYETHYLAMINO SULFONYL UREA DERIVATIVES
USEFUL AS RETROVIRAL PROTEASE INHIBITORS

REQUEST FOR CERTIFICATE OF CORRECTION

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop: Certificate of Correction Branch
401 Dulany Street
Alexandria, VA 22314

Certificate
JUL 28 2006
of Correction

Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this is a request for the issuance of a Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended. The complete Certificate of Correction involves one page.

The mistake identified in the appended Form occurred through no fault of the Applicants, as clearly disclosed by the records of the application, which matured into this patent. Enclosed for your convenience is the relevant portion of the Supplemental Preliminary Amendment filed April 21, 2004.

Issuance of the Certificate of Correction containing the correction is respectfully requested. Since this change is necessitated through no fault of the Applicants, no fee is believed to be associated with this request. Nonetheless, should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

By: 

Joseph M. Skerpon
Registration No. 29,864

Dated: July 26, 2006

1001 G Street, N.W. (11th Fl.)
Washington, D.C. 20001
(202) 824-3000

AUG 01 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.: 7,030,161
DATED: April 18, 2006
INVENTOR(S): Michael L. VAZQUEZ *et al*

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 76, Claim 17, Line 2:
Please replace " $-\text{SO}^2\text{R}^{16}$," with -- $-\text{SO}_2\text{R}^{16}$ --

Mailing Address of Sender:

Banner & Witcoff, Ltd.
11th Floor
1001 G Street, N.W.
Washington, DC 20001-4597

FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 7,030,161

No. of add'l copies
@ \$0.50 per page

☐

AUG 01 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.: 7,030,161
DATED: April 18, 2006
INVENTOR(S): Michael L. VAZQUEZ *et al*

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 76, Claim 17, Line 2:
Please replace " $\text{---SO}^2\text{R}^{16}$," with -- $\text{---SO}_2\text{R}^{16}$ --

Mailing Address of Sender:

Banner & Witcoff, Ltd.
11th Floor
1001 G Street, N.W.
Washington, DC 20001-4597

FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 7,030,161

No. of add'l copies
@ \$0.50 per page

☐

AUG 01 2006

PATENT



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Michael L. VAZQUEZ et al

Group Art Unit: 1641

Examiner: TBA

Serial No. 10/689,513

Filed: October 21, 2003

Atty. Docket 101765.00016 (2751/5)

For: α - AND β -AMINO ACID HYDROXYETHYLAMINO SULFONYL UREA DERIVATIVES USEFUL AS RETROVIRAL PROTEASE INHIBITORS

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

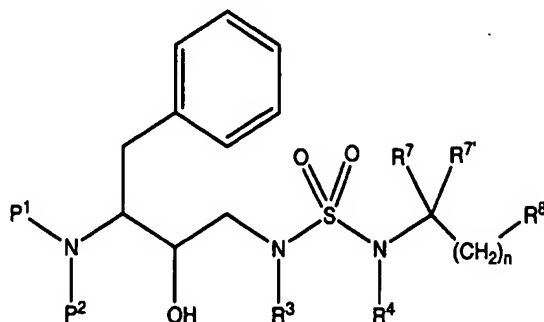
In addition to the Preliminary Amendment filed October 21, 2003, please enter the following Supplemental Preliminary Amendment into the file of the above-captioned application. It is believed that a fee of \$172 is due, in accordance with 37 C.F.R. §§ 1.16(b), for the filing of two (2) independent claims in excess of three (2 x \$86) in this Supplemental Preliminary Amendment. However, if it is determined that the actual fee is more or less than this amount, please debit or credit our Deposit Account No. 19-0733, accordingly.

An AMENDMENTS TO THE SPECIFICATION section begins on page 2 of this paper.

~~A LISTING OF CLAIMS~~ reflects claim amendments and begins on page 3 of this paper.

A REMARKS section begins on page 19 of this paper.

Claim 58 (new): A compound represented by the formula:



wherein:

p¹ and p² independently represent hydrogen, alkoxycarbonyl, aralkoxycarbonyl, alkylcarbonyl, cycloalkylcarbonyl, cycloalkylalkoxycarbonyl, cycloalkylalkanoyl, alkanoyl, aralkanoyl, aroyl, aryloxycarbonyl, aryloxycarbonylalkyl, aryloxyalkanoyl, heterocyclylcarbonyl, heterocyclyloxycarbonyl, heterocyclylalkanoyl, heterocyclylalkoxycarbonyl, heteroaralkanoyl, heteroaralkoxycarbonyl, heteroaryloxycarbonyl, heteroaroyl, alkyl, alkenyl, cycloalkyl, aryl, aralkyl, aryloxyalkyl, heteroaryloxyalkyl, hydroxyalkyl, aminocarbonyl, aminoalkanoyl, and mono- and disubstituted aminocarbonyl and mono- and disubstituted aminoalkanoyl radicals wherein the substituents are selected from alkyl, aryl, aralkyl, cycloalkyl, cycloalkylalkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, heterocycloalkylalkyl radicals, or where said aminoalkanoyl radical is disubstituted, said substituents along with the nitrogen atom to which they are attached form a heterocycloalkyl or heteroaryl radical;

R³ represents hydrogen, alkyl, haloalkyl, alkenyl, alkynyl, hydroxyalkyl, alkoxyalkyl, cycloalkyl, cycloalkylalkyl, heterocycloalkyl, heteroaryl, heterocycloalkylalkyl, aryl, aralkyl,

heteroaralkyl, aminoalkyl and mono- and disubstituted aminoalkyl radicals, wherein said substituents are selected from alkyl, aryl, aralkyl, cycloalkyl, cycloalkylalkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, and heterocycloalkylalkyl radicals, or in the case of a disubstituted aminoalkyl radical, said substituents along with the nitrogen atom to which they are attached, form a heterocycloalkyl or a heteroaryl radical, and thioalkyl, alkylthioalkyl and arylthioalkyl and the sulfone and sulfoxide derivatives thereof;

R⁴ represents hydrogen and radicals as defined by R³;

R⁷ and R^{7'} independently represent radicals as defined for R³; amino acid side chains selected from the group consisting of valine, isoleucine, glycine, alanine, allo-isoleucine, asparagine, leucine, glutamine, and t-butylglycine; radicals represented by the formulas -C(O)R¹⁶, -CO₂R¹⁶, -SO₂R¹⁶, -SR¹⁶, -CONR¹⁶R¹⁷, -CF₃ and -NR¹⁶R¹⁷; or R⁷ and R^{7'} together with the carbon atom to which they are attached form a cycloalkyl radical;

R⁸ represents cyano, hydroxyl, alkyl, alkoxy, cycloalkyl, aryl, aralkyl, heterocycloalkyl and heteroaryl radicals and radicals represented by the formulas -C(O)R¹⁶, -CO₂R¹⁶, -SO₂R¹⁶, -SR¹⁶, -CONR¹⁶R¹⁷, -CF₃ and -NR¹⁶R¹⁷;

wherein R¹⁶ and R¹⁷ independently represent hydrogen and radicals as defined for R³, or R¹⁶ and R¹⁷ together with the nitrogen to which they are attached in the formula NR¹⁶R¹⁷ represent heterocycloalkyl and heteroaryl radicals; and

n represents an integer of from 0 to 6.